

(PCT Article 36 and Rule 70)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/006093

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____ which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1, 3-6 as originally filed/furnished
- pages* 2, 2a, 2b received by this Authority on 07.02.2005 with letter of 02.02.2005
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. _____ as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1-6 received by this Authority on 07.02.2005 with letter of 02.02.2005
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets 1/2, 2/2 as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 1-6	YES
	Claims	NO
Inventive step (IS)	Claims 1-6	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-6	YES
	Claims	NO

2. Citations and explanations (Rule 70.7)

Prior art:

The prior art document (D1) US 6 149 198 A, which is cited in the application and in the search report, is considered to be the closest prior art. D1 describes a chassis component according to the preamble of claim 1, said component being produced by means of hydroforming.

Distinguishing feature in relation to the prior art:

Claim 1 of the present application is distinguished from the prior art in that the strut body is twisted about a longitudinal axis.

Objective problem:

The objective problem is that of producing a highly loaded component with a complex geometry in a cost-effective manner.

Justification for the positive opinion:

The subject matter of the present application (claim 1) is novel (PCT Article 33(2)) (see above) and inventive (PCT Article 33(3)) because the prior art documents do not suggest using a hydroforming process also for such highly loaded and complex components as in the present

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Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
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invention. Dependent claims 2 to 6 relate to further embodiments of the invention.

Industrial applicability:

The subject matter of the present application is industrially applicable under PCT Article 33(4) because it can be used in the automotive industry.